



Heat treatment device and method

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Abstract of TW 448286 (B)

The object of this invention is to provide a heat treatment device that does not cause energy loss, prevents cracking of sheet-materials to be treated, reduces processing time, maintains good temperature distribution of the heating chamber, and has a compact and simple construction. The solution is that the device comprises: a moving mechanism 18 for reciprocally moving a loading body 15 for loading a plurality of sheet-materials 3 to be treated between the interior of a first heating chamber 13 and the interior of a second heating chamber 14; an access port 12b for accessing the sheet-materials 3 to be treated in communication with the first heating chamber 13; a conveying mechanism 5 for loading the sheet-materials 3 to be treated one by one onto the loading body 15 within the first heating chamber 13, and for removing the sheet-materials 3 to be treated one by one from the loading body 15. The device further maintains the heating temperature of the first heating chamber 13 to be lower than the heating temperature of the second heating chamber 14.

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